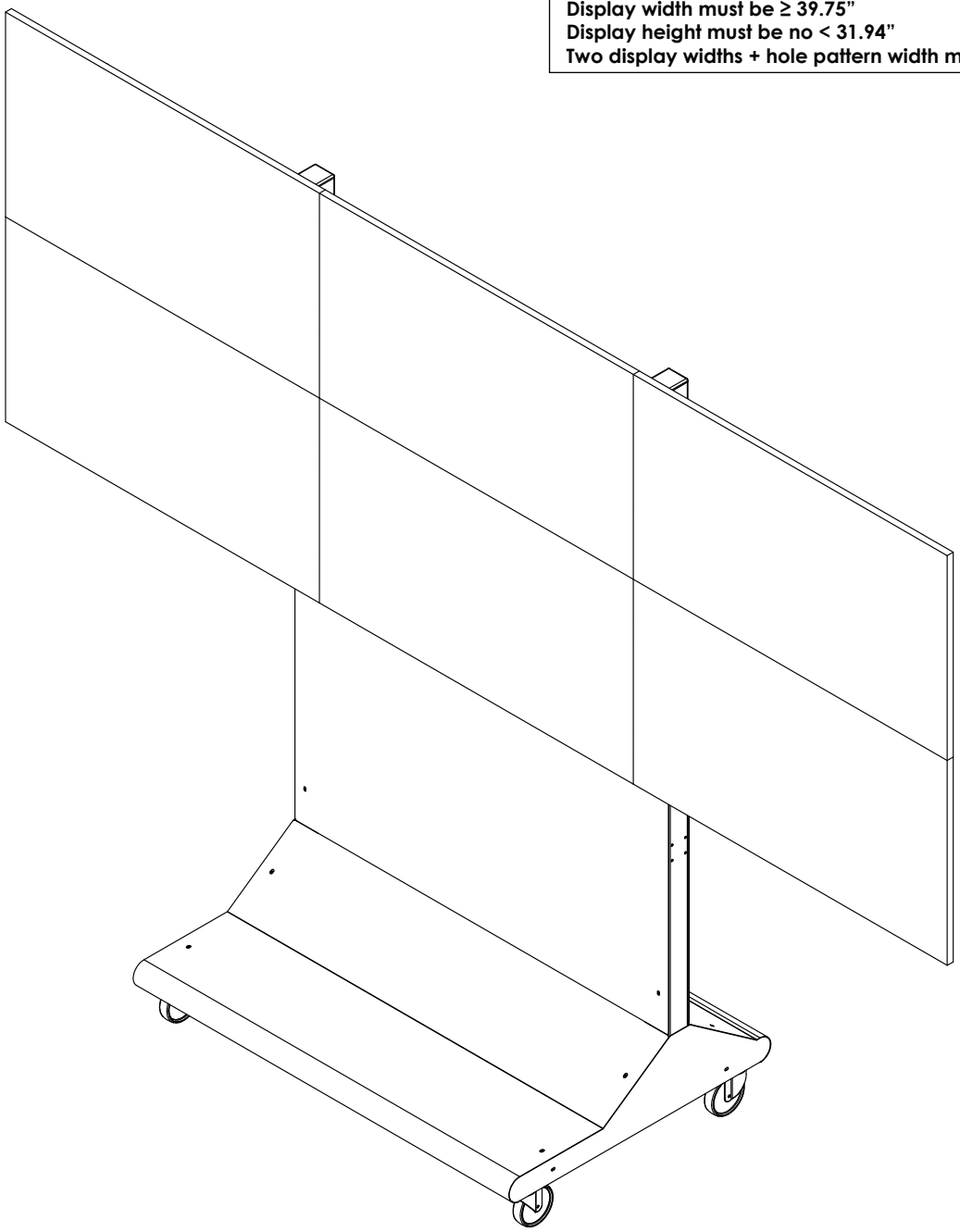
Installation and Assembly: 3 x 2 Cart

Model: DS-VWC555-3x2

COMPATIBILITY FORMULA
Display width must be ≥ 39.75”
Display height must be no < 31.94”
Two display widths + hole pattern width must be <114.65”

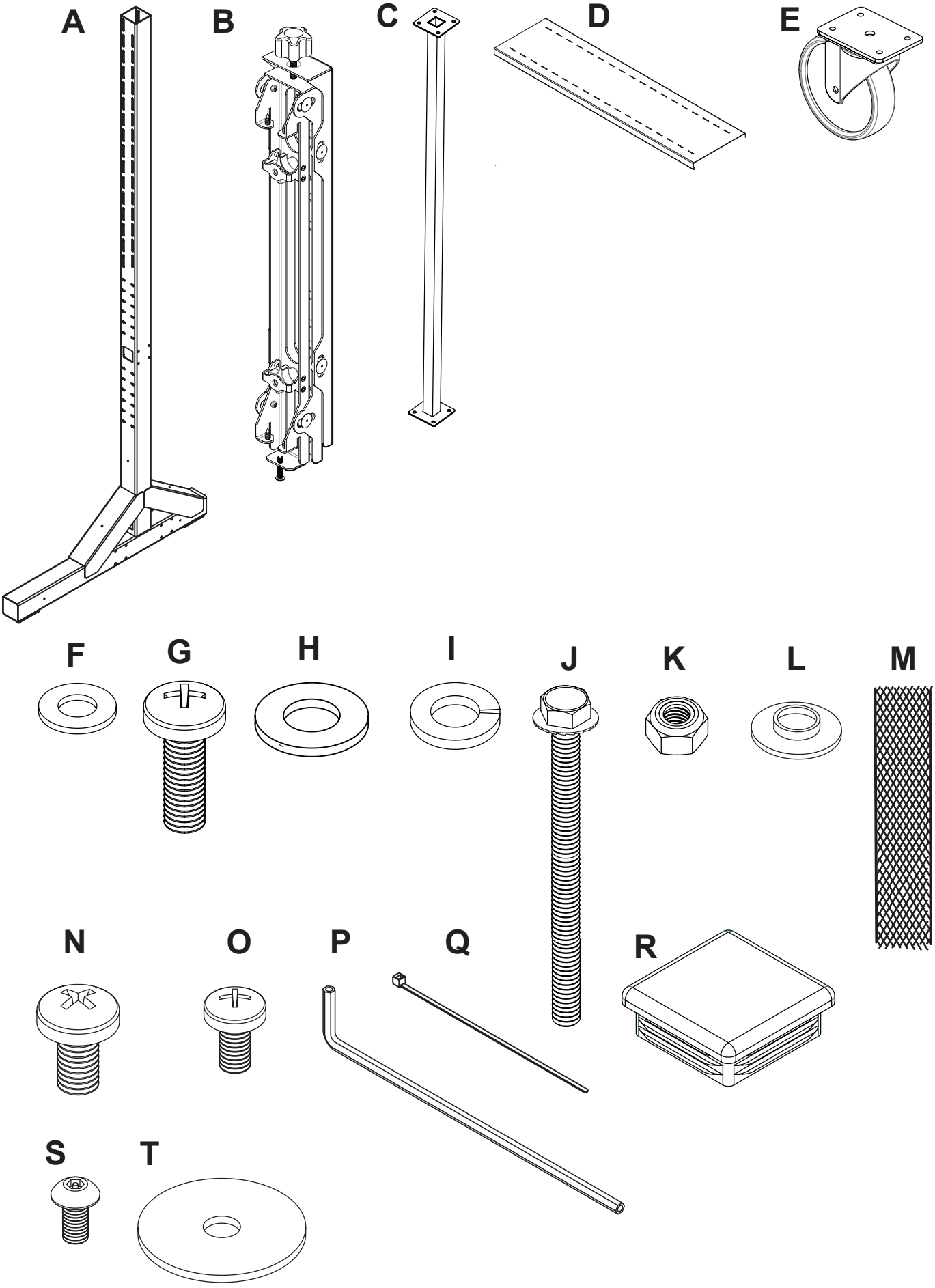


Maximum Load Capacity 650lbs (295kg)

Parts List: 202-1526 (FINAL ASSEMBLY)

	Part Description	Quantity	Part Number
A	vertical support	2	145-1543
B	adapter brackets	12	145-1711
C	horizontal support	3	145-1382
D	shelf	1	145-1361
E	5” caster	4	600-0026
F	1/4” flat washer	48	540-9440
G	M8 x 25mm phillips screw	16	520-1031
H	5/16 flat washer	16	540-9406
I	5/16 split washer	16	540-9405
J	1/4-20 x 3.5” hex head screw	48	520-1656
K	1/4-20 nylock nut	48	530-9413
L	.38 OD x .06 LG nylon washer	24	590-2233
M	18” mesh sleeve	6	600-1014
N	M8 x 16mm phillips screw	24	520-9257
O	M6 x 12mm phillips screw	24	520-1128
P	4mm allen wrench	6	560-9646
Q	cable tie	12	560-9711
R	tube cap	2	590-1289
S	M5 x 10mm socket pin screw (not used)	12	520-1164
T	#14 fender washer (not used)	24	540-1008
U	lower front cover	1	145-1505
V	lower back cover	1	145-1384
W	upper cover	2	145-1754
X	rail connection bracket	4	145-1503
Y	horizontal rail	4	145-1447
Z	side cover	2	145-1362
AA	M5 x 10mm phillips screw	24	520-1233
BB	flat washer	24	540-9400
CC	lock washer	24	540-1035
DD	decorative screw	12	520-2326
EE	spacer	4	590-1136
FF	self-drilling screw	3	520-1320
GG	connection bracket	2	145-1504
HH	M6 x 16mm phillips screw	36	520-9274

Before beginning, make sure you have all parts shown


A
B
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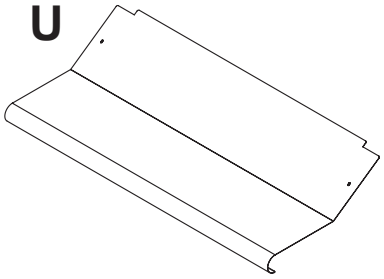
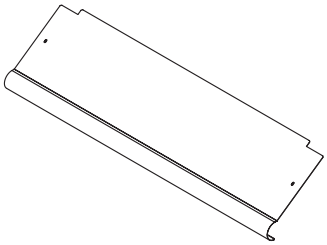
U



V



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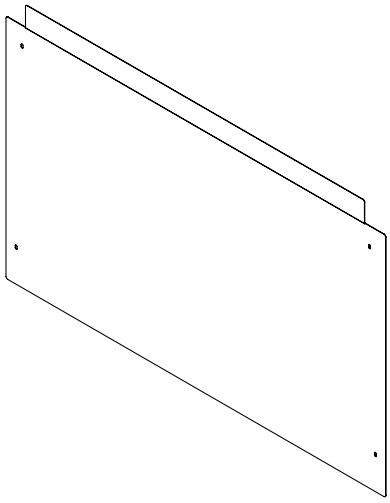
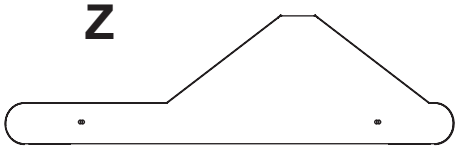


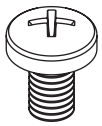
X

Y

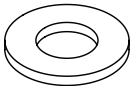
Z



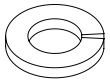
AA



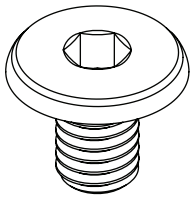
BB



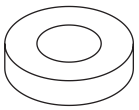
CC



DD



EE

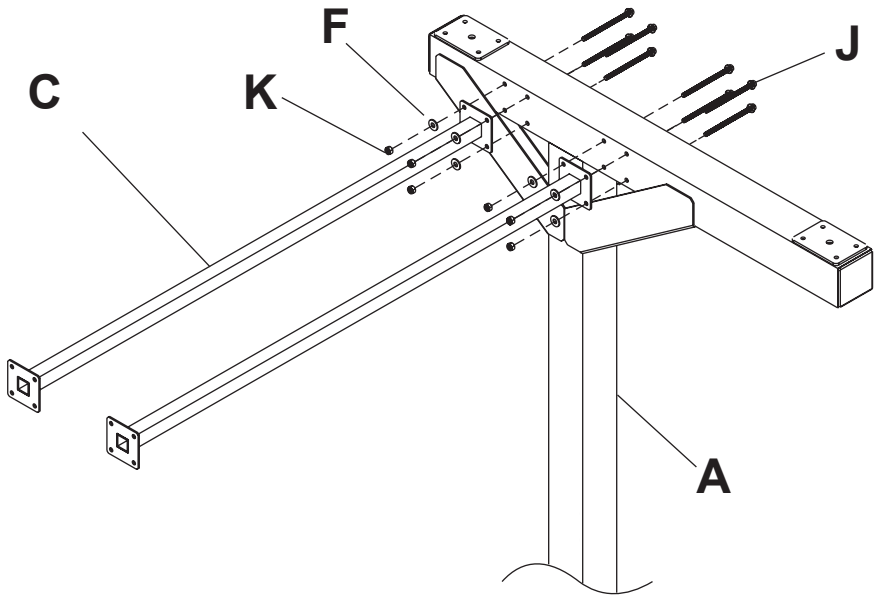


FF

GG

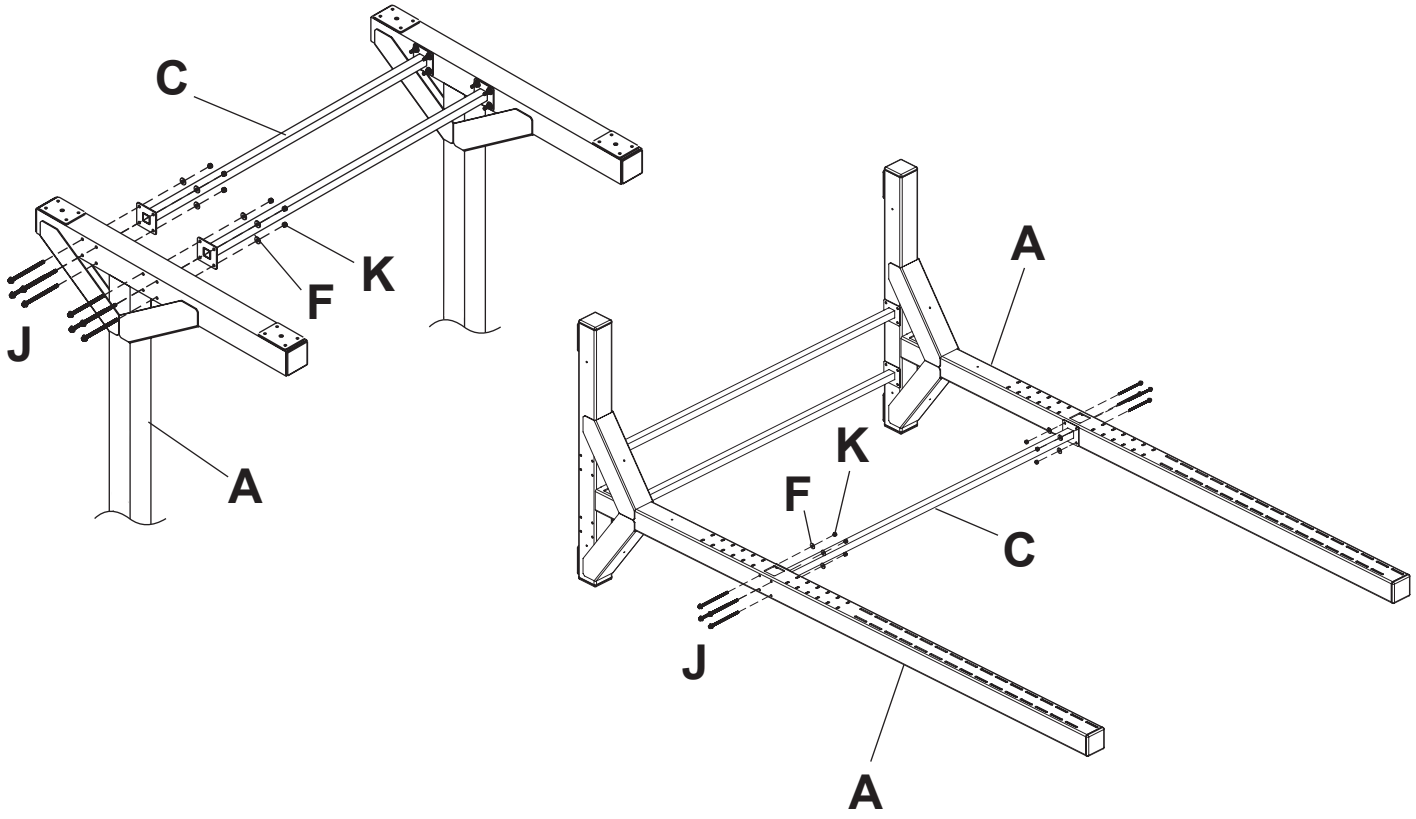
Assembling Cart

1 Attach two horizontal supports (**C**) to vertical support (**A**) using eight 1/4-20 x 3.5" hex head screws (**J**), 1/4" SAE washers (**F**) and 1/4-20 nylock nuts (**K**).

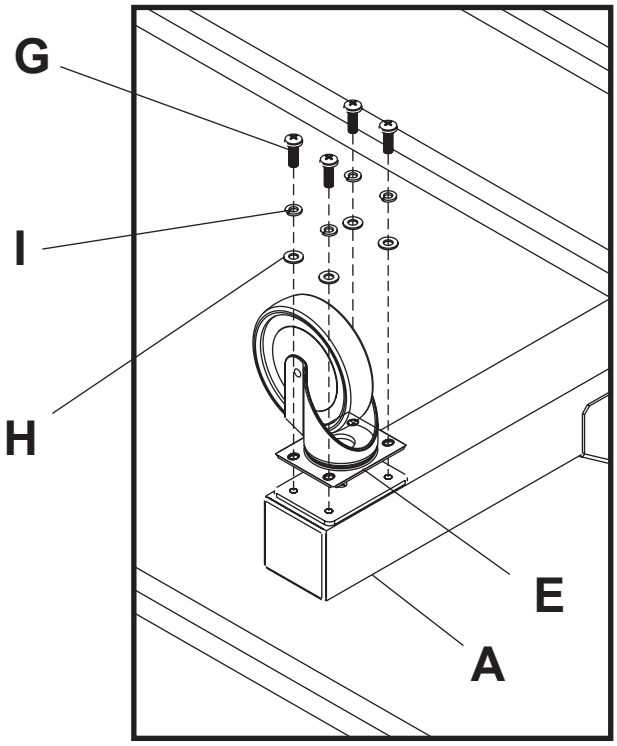


2 Attach horizontal supports (**C**) to second vertical support (**A**) using eight 1/4-20 x 3.5" hex head screws (**J**), 1/4" SAE washers (**F**) and 1/4-20 nylock nuts (**K**).

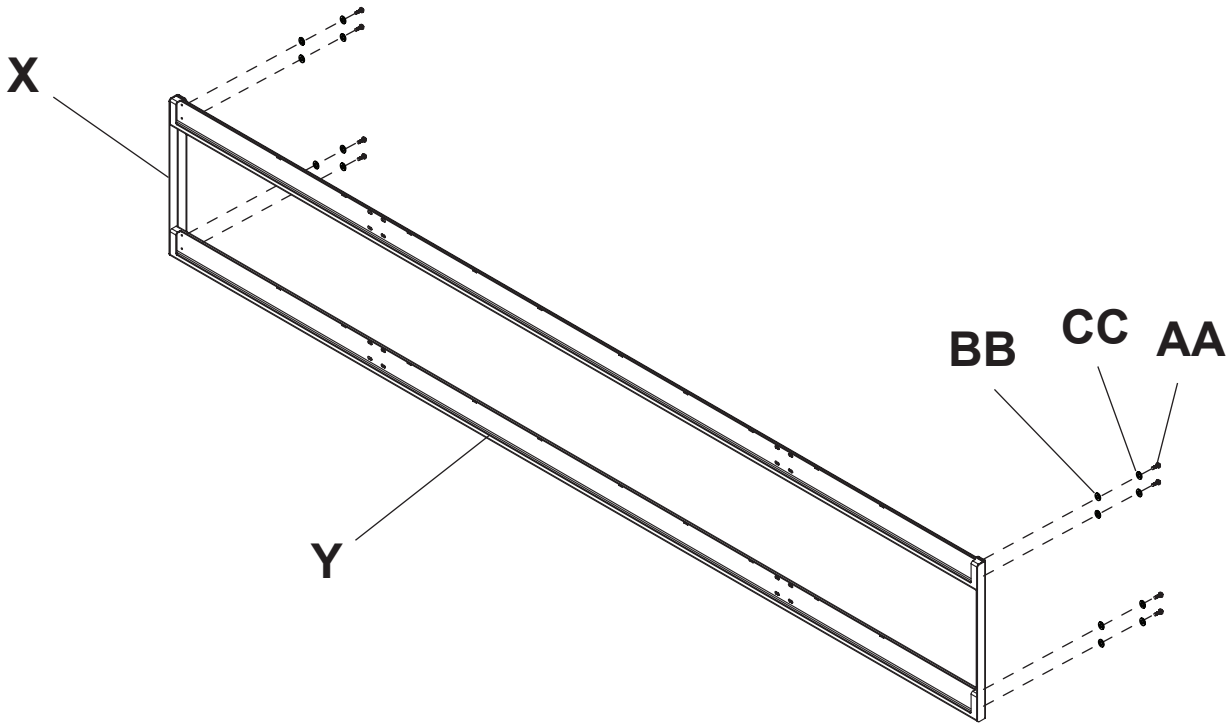
3 Attach horizontal support (**C**) to vertical supports (**A**) using eight 1/4-20 x 3.5" hex head screws (**J**), 1/4" SAE washers (**F**) and 1/4-20 nylock nuts (**K**).



4 Attach four swivel casters (**E**) to vertical supports (**A**) using sixteen M8 x 25 mm pan phillips screws (**G**), split washers (**I**) and 5/16" SAE flat washers (**H**).



5 Attach two rail brackets (**Y**) together using two rail connection brackets (**X**) with eight M5 x 10 mm pan phillips screws (**AA**), lock washers (**CC**), and flat washers (**BB**).

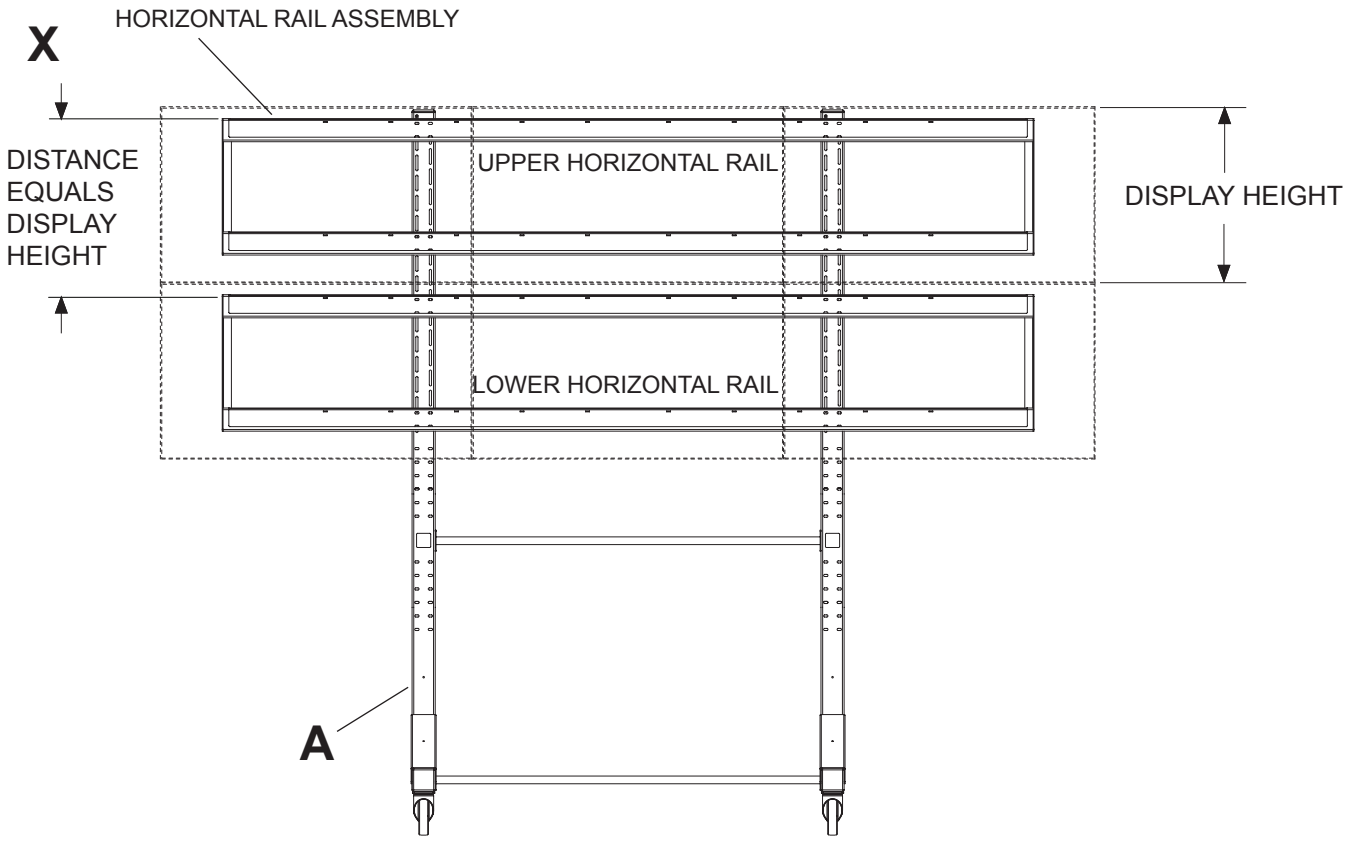


6 Determine position of horizontal rails assemblies using the formula below.

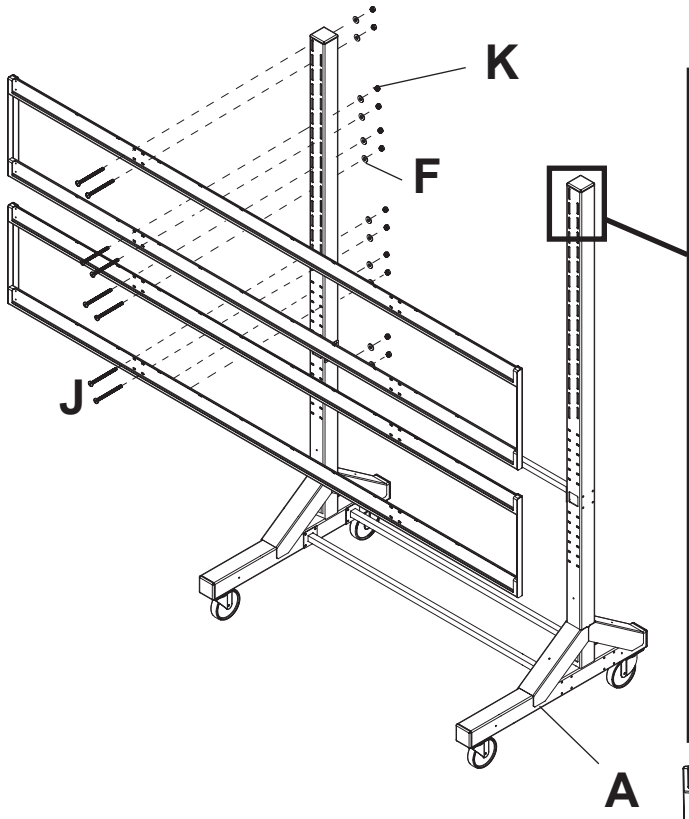
1. Locate the position of the lower horizontal rail assemblies and attach to vertical supports (**A**).
2. Use display height to determine location of upper horizontal rail assemblies,

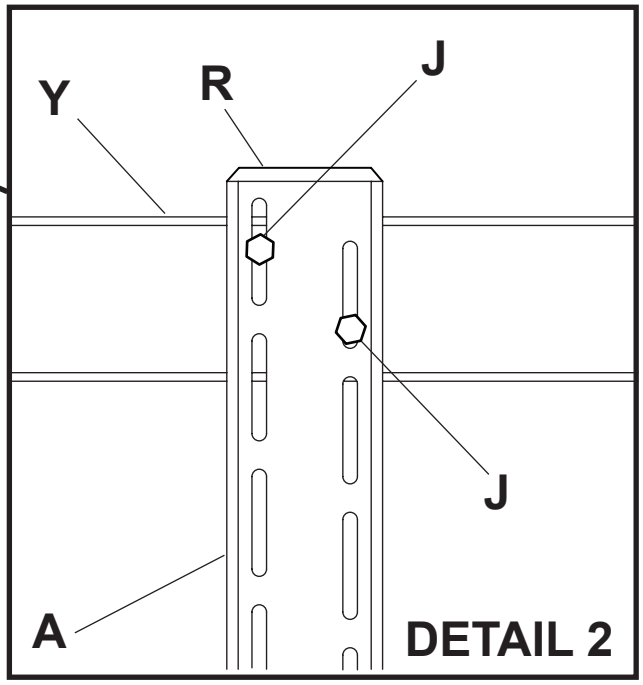
NOTE: Horizontal rail assemblies must be secured using sixteen 1/4-20 x 3.5" hex head screws (**J**).

X = HEIGHT OF DISPLAY



7 Attach two horizontal rails assemblies onto vertical supports (**A**) using 16 1/4-20 x 3.5" hex head screws (**J**), 1/4" SAE washers (**F**) and 1/4-20 nylock nuts (**K**) as shown in detail 2. Make sure that horizontal rail assemblies are level then tighten all 1/4-20 x 3.5" hex head screws (**J**). Place two tube caps (**R**) into tops of vertical supports (**A**) as shown in detail 2.

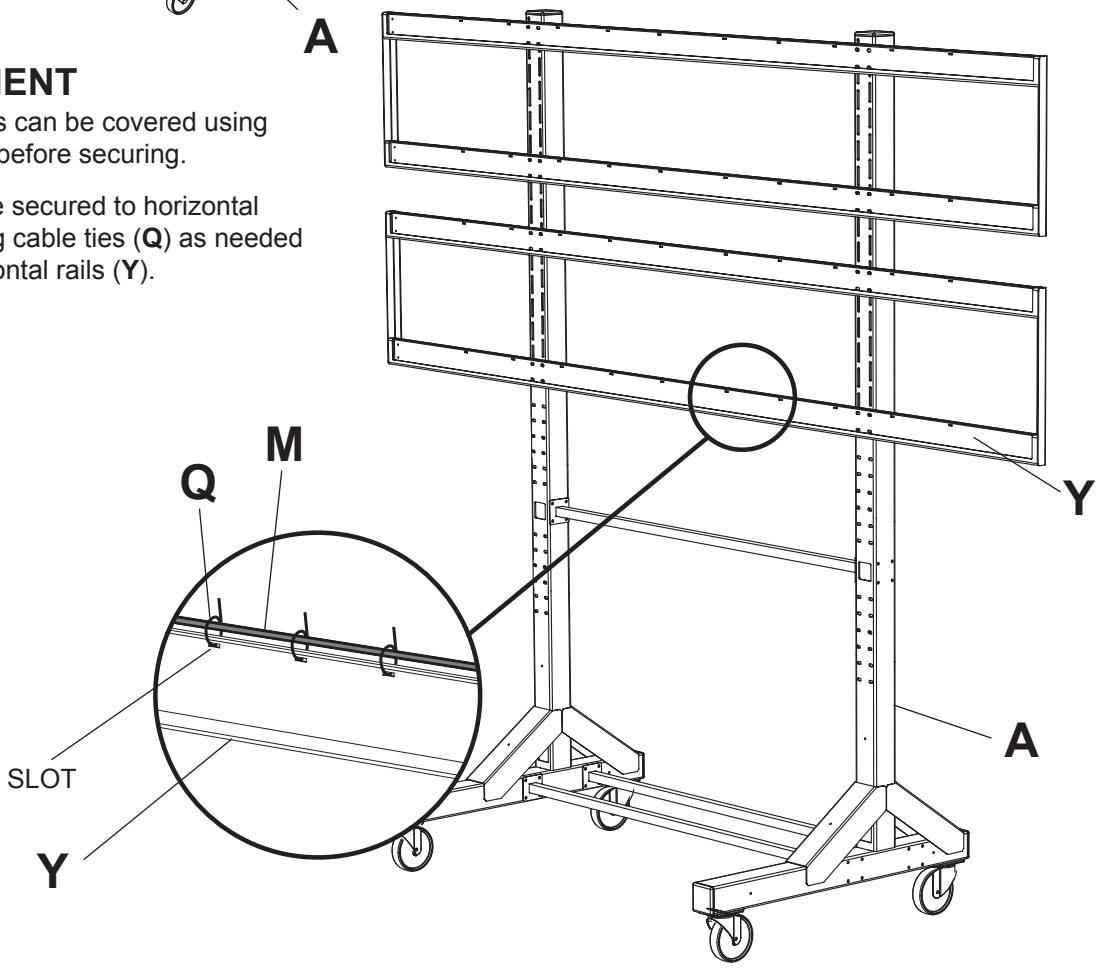




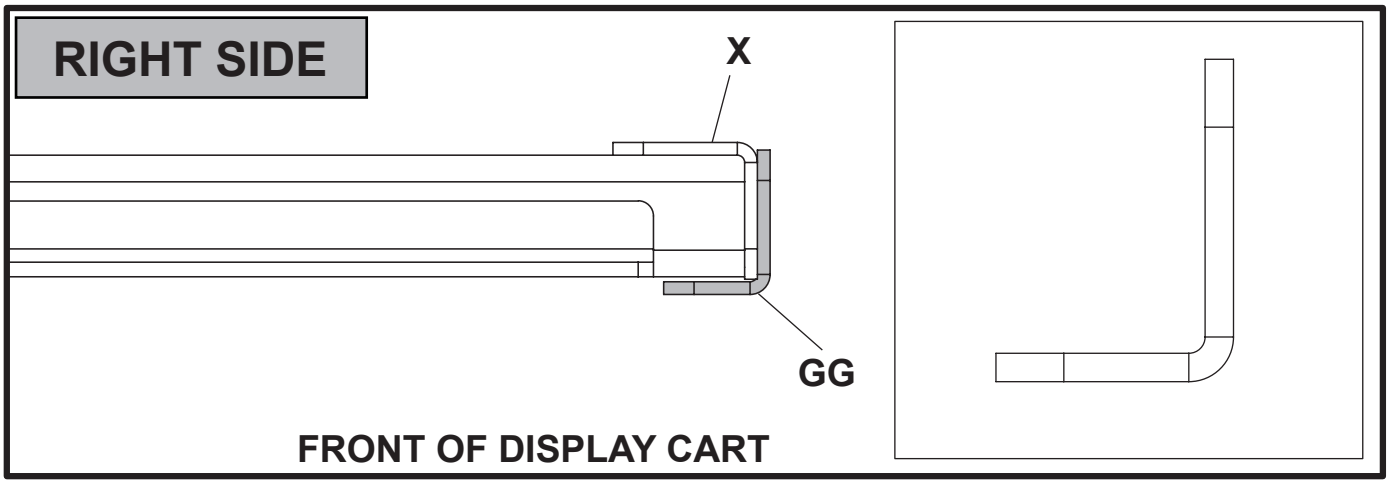
CABLE MANAGEMENT

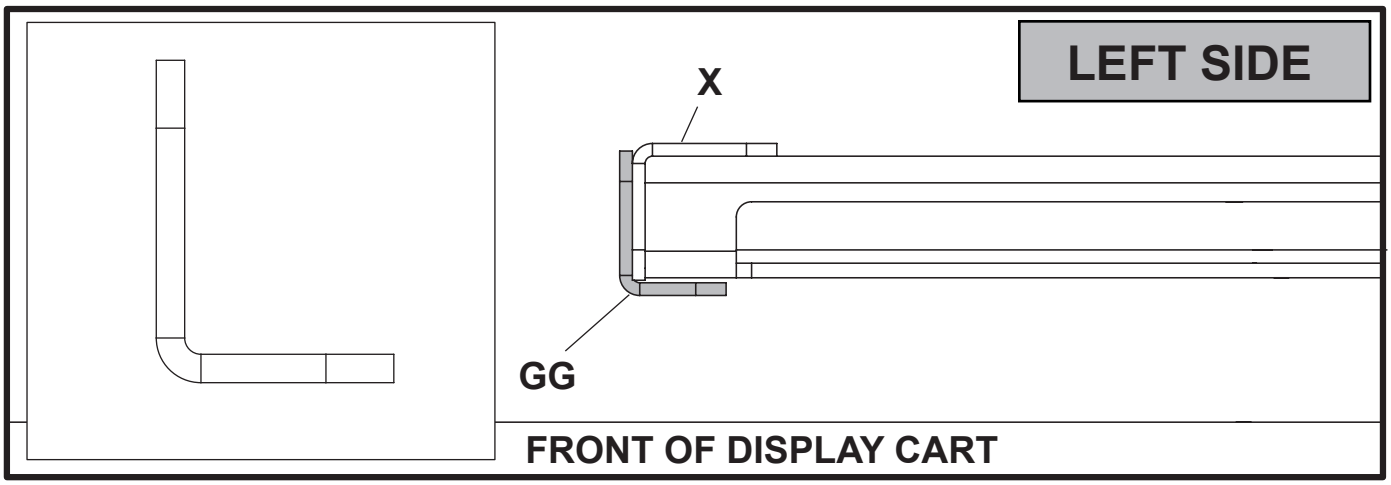
8 **NOTE:** Display cables can be covered using 18" mesh sleeve (**M**) before securing.

Display cables can be secured to horizontal rails assemblies using cable ties (**Q**) as needed through slots in horizontal rails (**Y**).

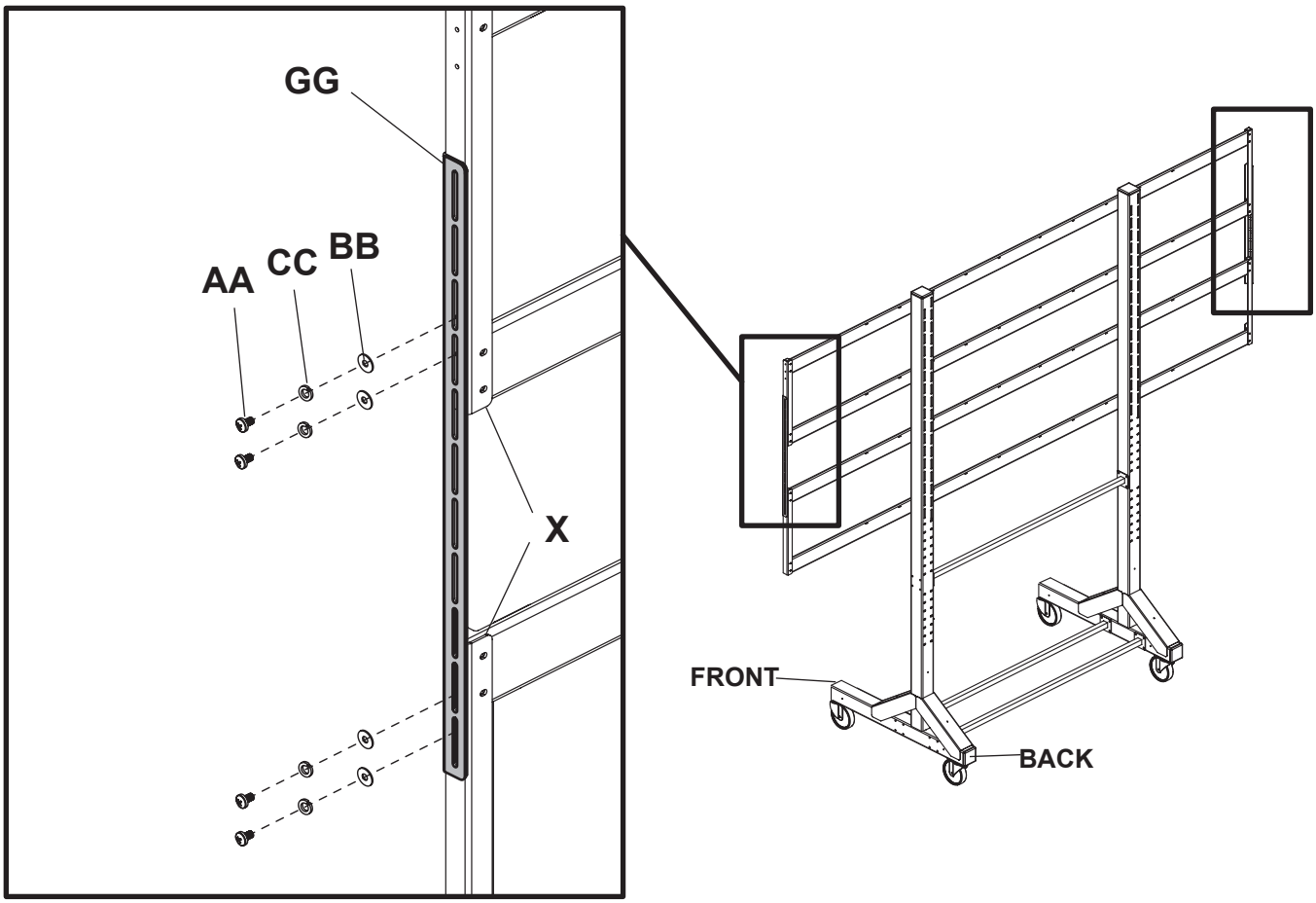


9 **NOTE:** Connection brackets (**GG**) orientation.
Place connection brackets (**GG**) onto rail connection brackets (**X**) as shown below.

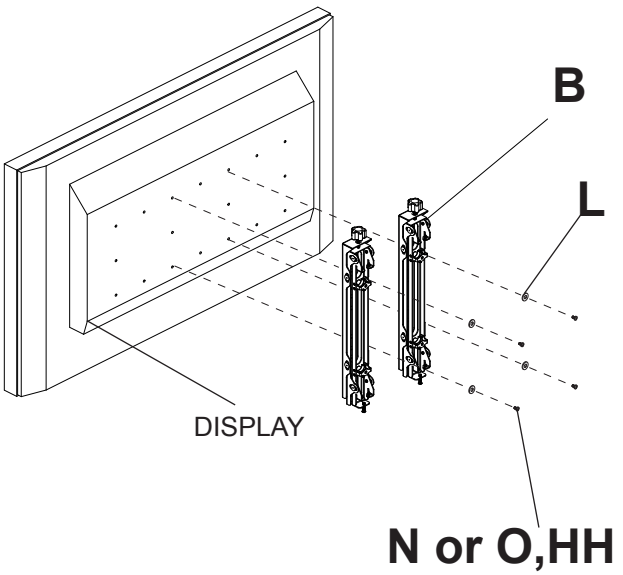




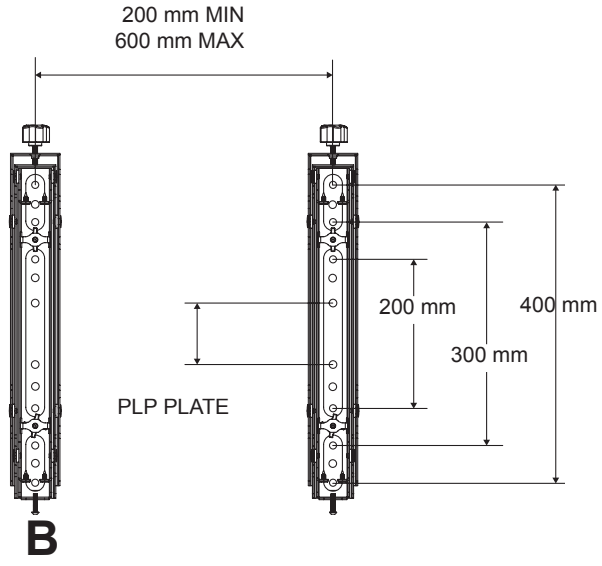
9-1 Attach connection brackets (**GG**) onto rail connection brackets (**X**) as shown below. Secure one connection brackets (**GG**) with four M5 x 10 mm phillips screws (**AA**), lock washers (**CC**), and flat washers (**BB**) as shown below. Repeat step for remaining connection bracket (**GG**).



10 Attach adapter brackets (**B**) to back of display using four M6 x 12 mm phillips screws (**O**) or M6 x 16 mm Phillips screw (**HH**) with nylon shoulder washer (**L**), or four M8 x 15 mm phillips screws (**N**) as shown below.



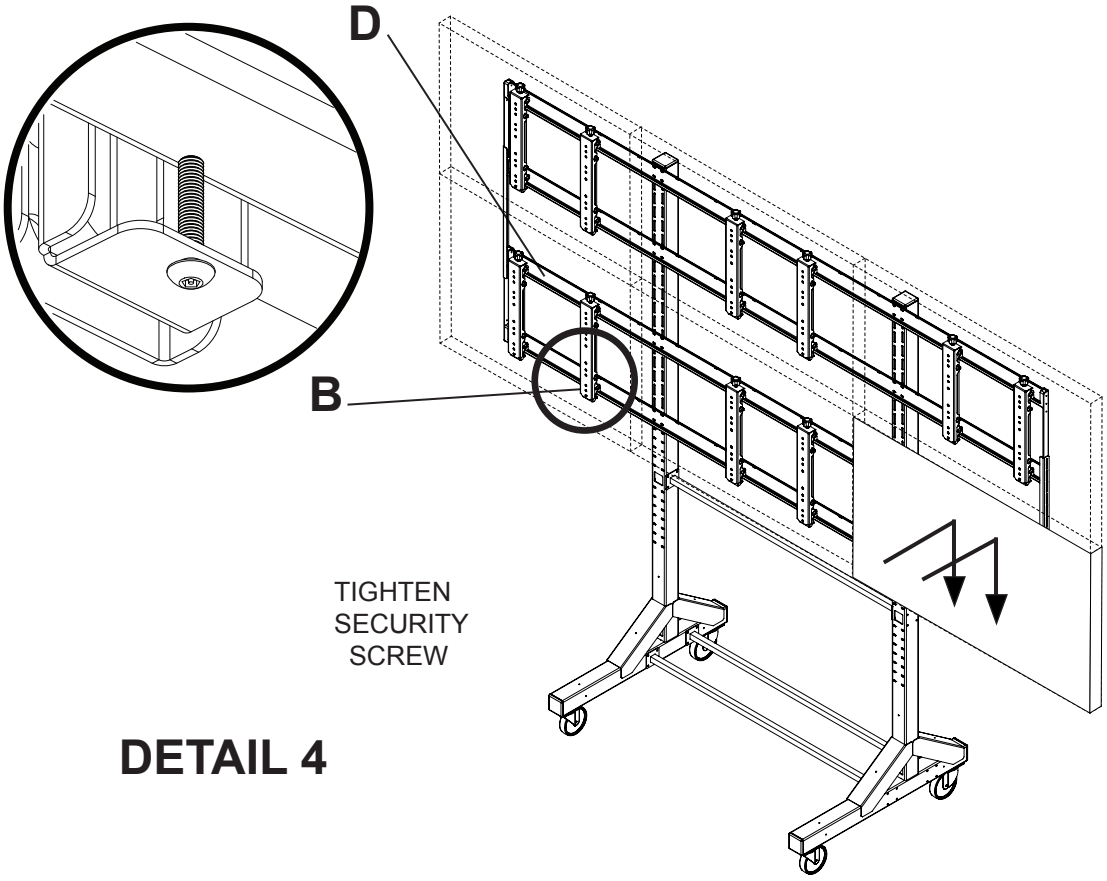
Adapter Bracket Mounting Patterns



11 Hook display and adapter brackets (**B**) onto horizontal rail assemblies as shown below.
NOTE: Start with bottom display.

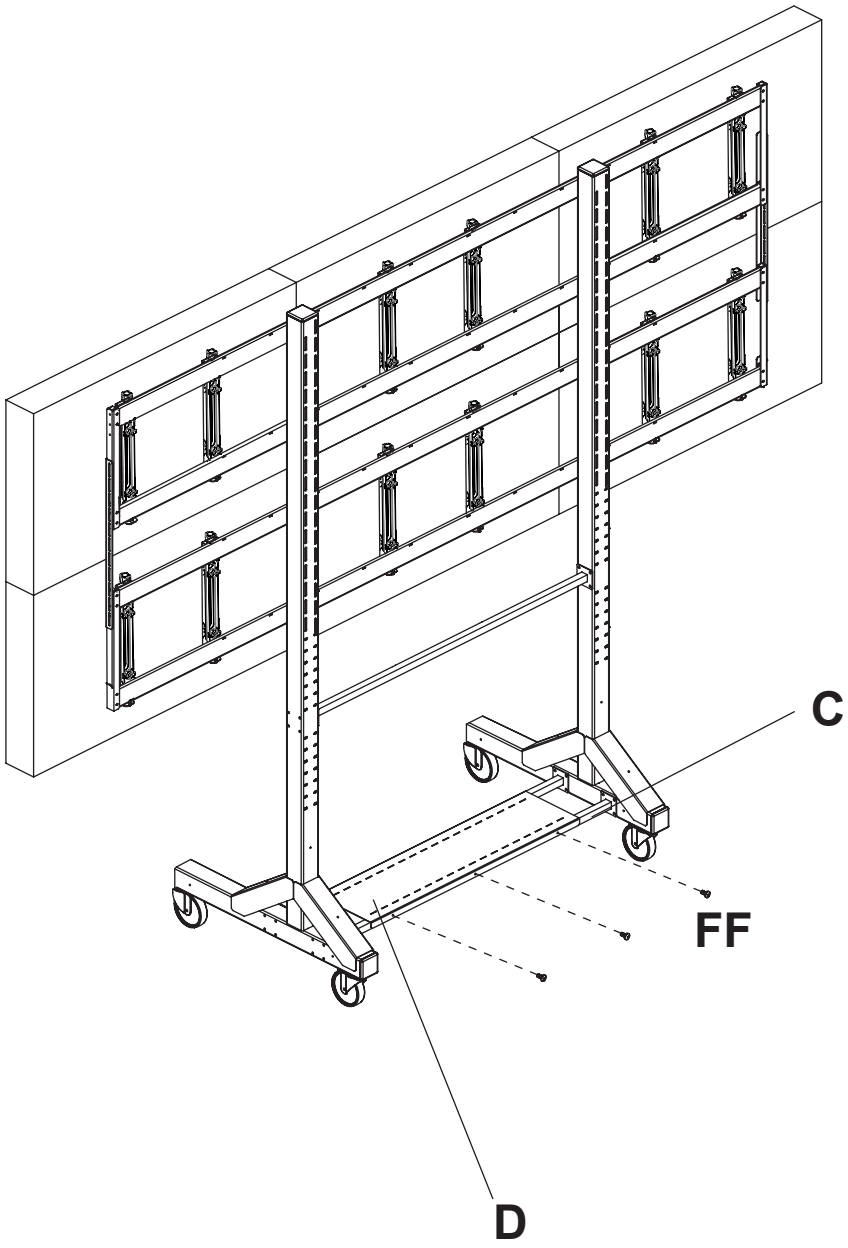
NOTE: Once display is located in desired position, tighten security screws as shown in detail 4.

DISPLAY NOT SHOWN FOR CLARITY



DETAIL 4

12 Fasten shelf (**D**) onto horizontal support (**C**) using three self-drilling screws (**FF**) as shown below.



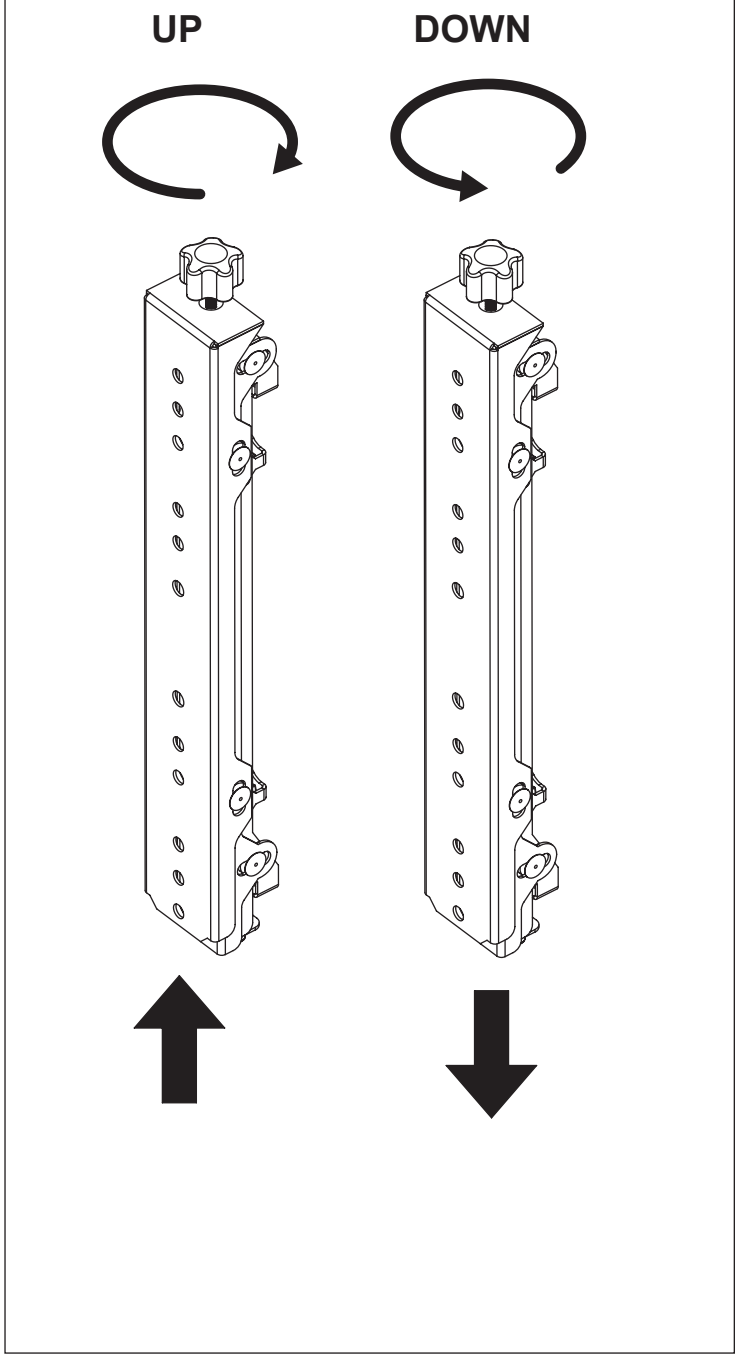
Adapter Bracket Adjustment

13 Use legend below to determine position of display.

NOTE: Each knob can be adjusted independently for fine tuning angle adjustments.

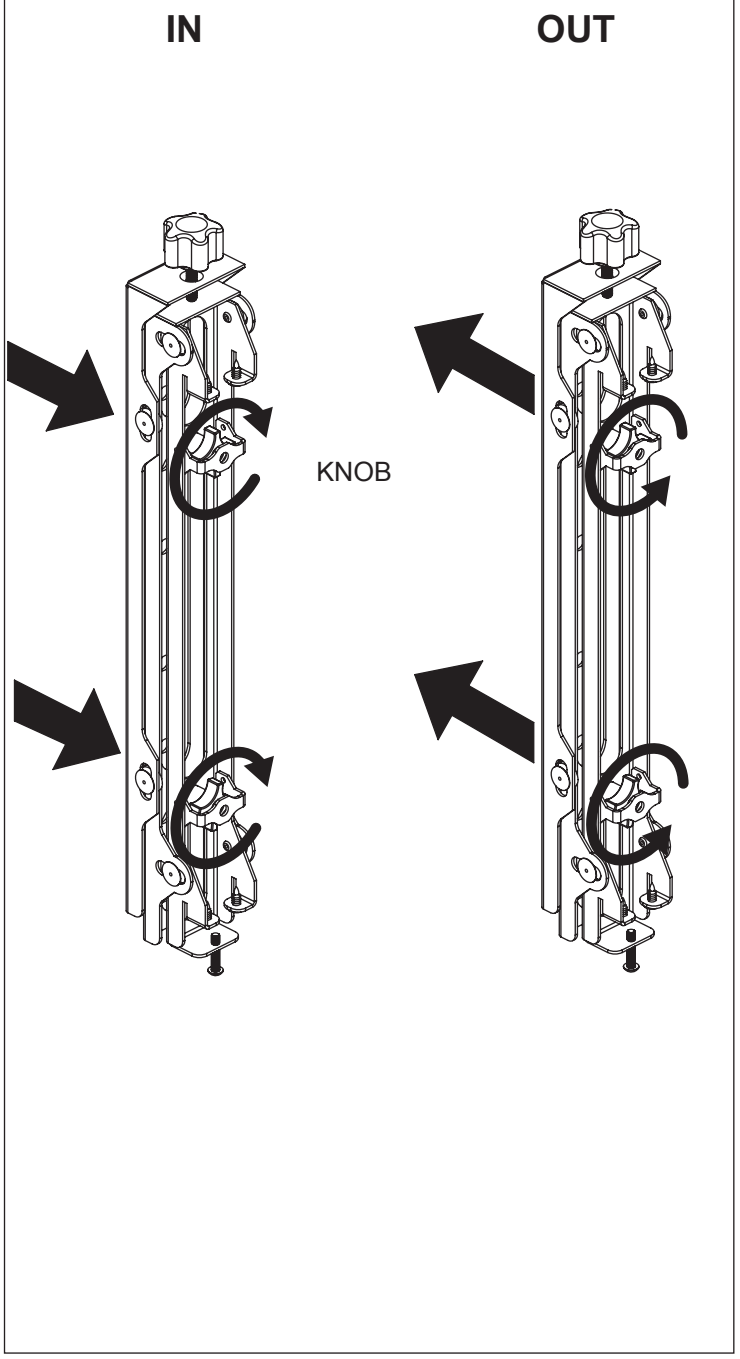
Turn knobs **CLOCKWISE** to raise display height.

Turn knobs **COUNTER**-**CLOCKWISE** to lower display height.



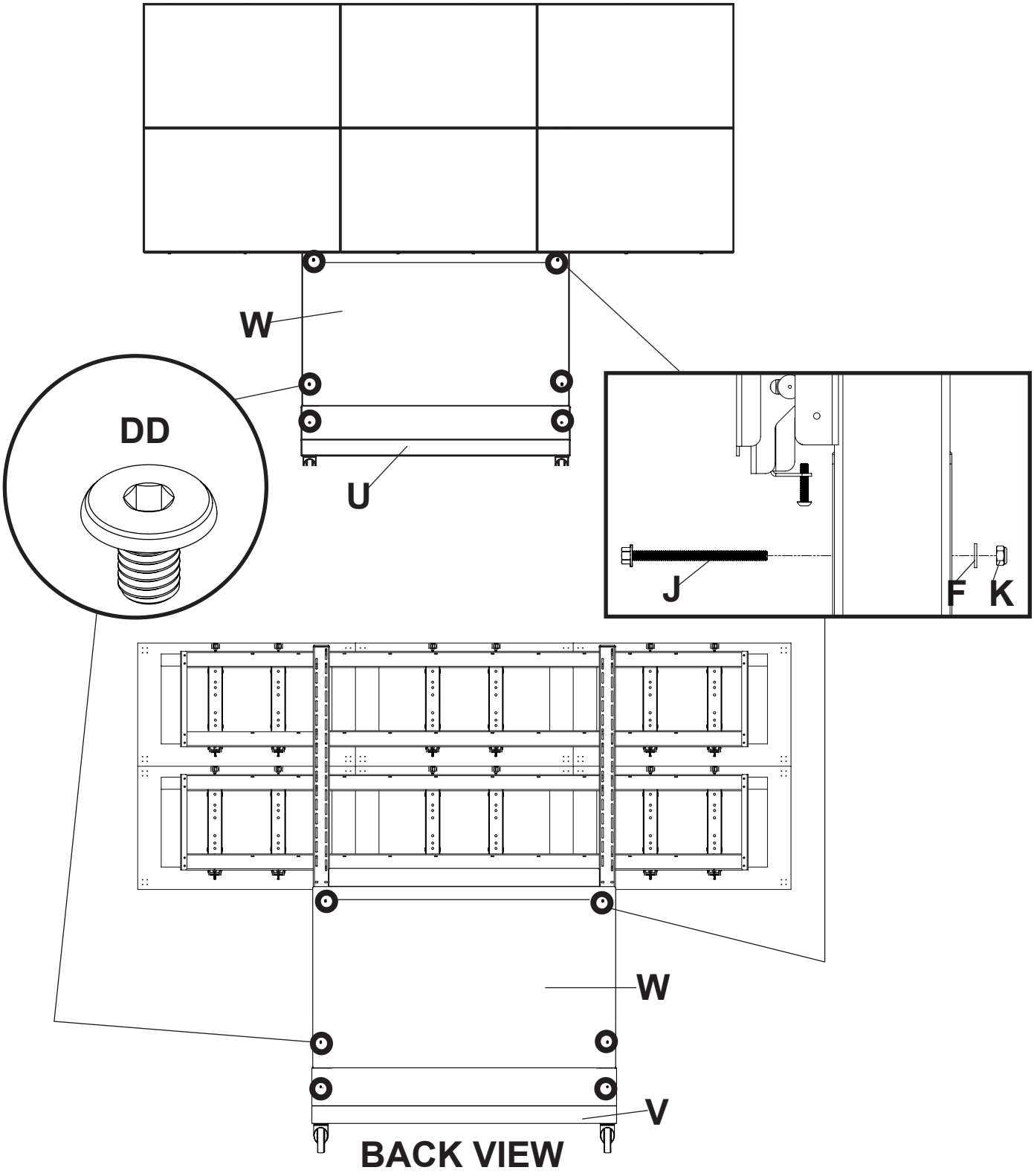
Turn knobs **CLOCKWISE** to push out display.

Turn knob **COUNTER**-**CLOCKWISE** to pull in display.

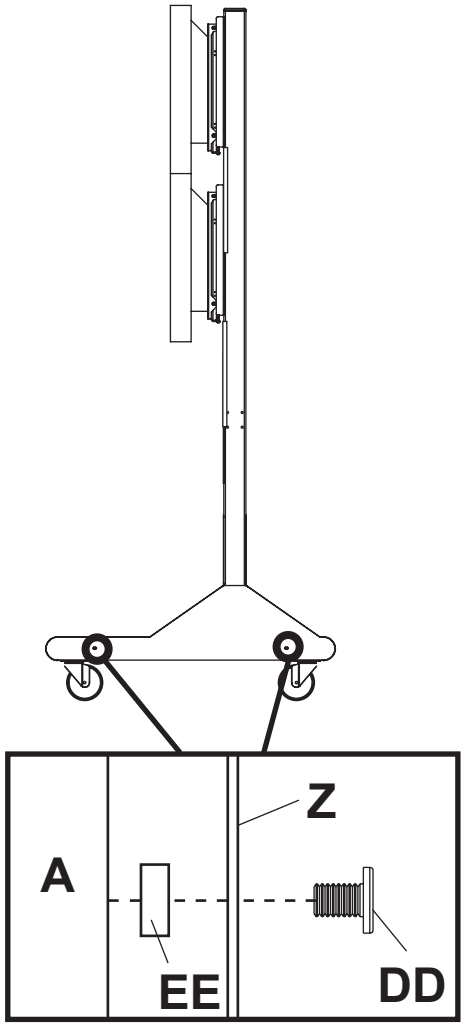


Attaching Covers

14 **NOTE**: Position bottom front and back covers first
Position front bottom cover (**U**). Secure covers in place using four decorative screws (**DD**) as shown below.
Position back bottom cover (**V**). Secure covers in place using four decorative screws (**DD**) as shown below.
Position upper covers (**W**) on front and back of vertical supports (**A**). Secure upper covers at top (**W**) with two 1/4-20 x 3.5" hex head screws (**J**), two 1/4" flat washer (**F**), and two 1/4-20 nylock nuts (**K**).
Secure base of covers in place using two decorative screws (**DD**) as shown below.



15 Attach two retaining spacers (**EE**), and decorative screws (**DD**) to side cover (**Z**) as shown to right. Attach side cover to vertical support (**A**) so that it goes inside the lower front and back covers (**U and V**).



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